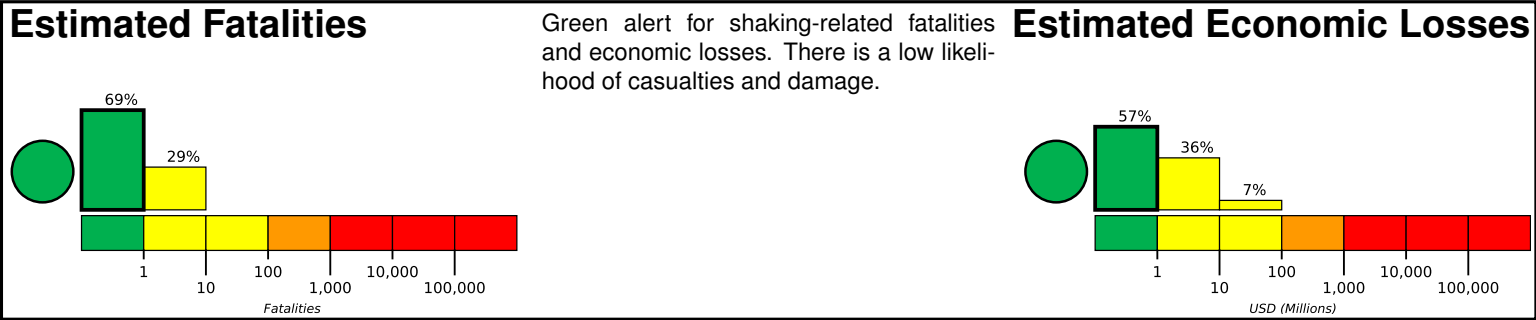


M 5.7, 2 km SW of Phala, Hawaii
Origin Time: 2024-02-09 20:06:31 UTC (Fri 10:06:31 local)
Location: 19.2308° N 155.5097° W Depth: 34.6 km

PAGER Version 4

Created: 2 hours, 3 minutes after earthquake

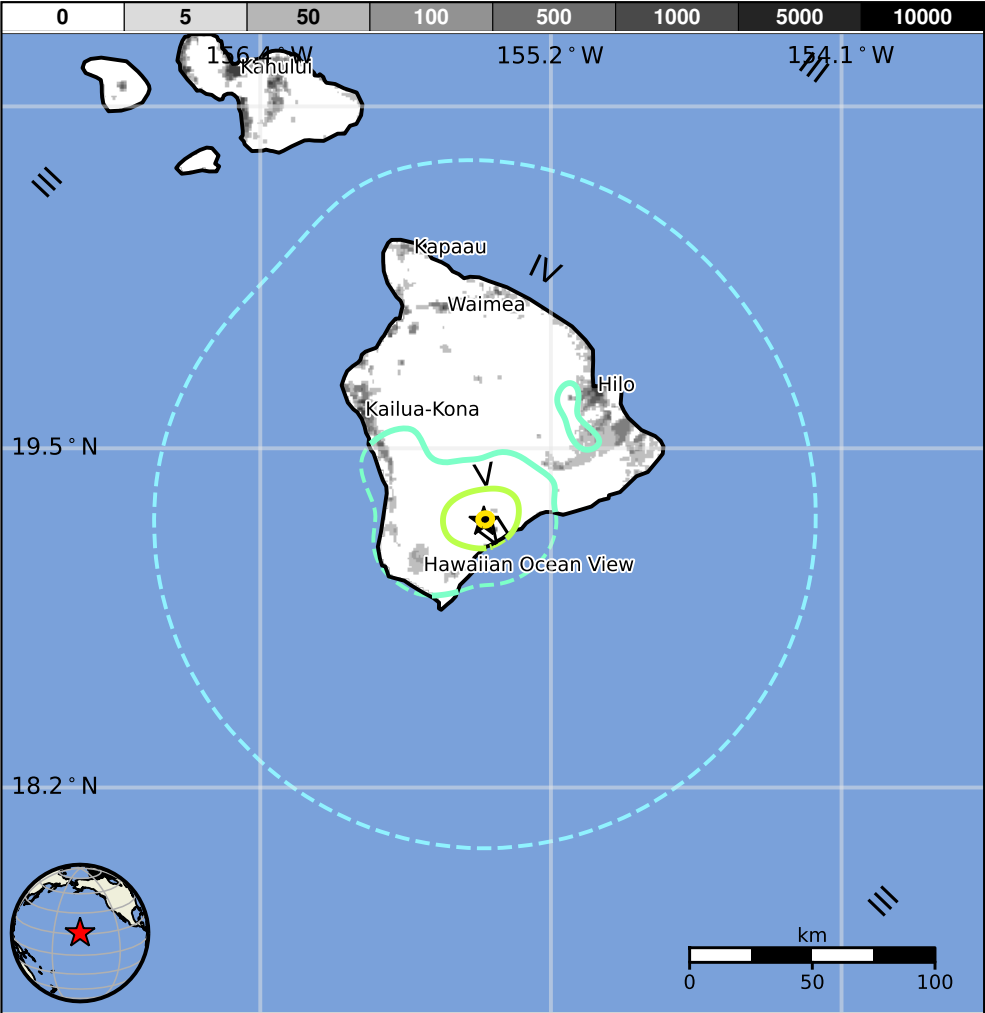


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	164k*	161k	34k	0	1k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are unreinforced brick masonry and reinforced masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1973-04-26	90	6.2	VII(74k)	0
2006-10-15	86	6.7	VIII(15k)	0
1975-11-29	55	7.2	IX(30k)	2

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
VII	Pahala	1k
V	Hawaiian Ocean View	4k
V	Captain Cook	3k
V	Mountain View	4k
V	Kealakekua	2k
V	Honaunau-Napoopoo	3k
IV	Hilo	43k
IV	Kailua-Kona	12k
III	Kihei	21k
III	Kahului	26k
III	Wailuku	15k